

RGT-501

Product Description

TABER Abrasion Tester



Tester summary

This tester applied to do the test of wear-resistant in skin, leather, cloth, paint, paper, flooring, plywood, glass and natural rubber. The method is using the standard knife cutting the specimen, and then using the regulated models of grinding wheel with loading weight to be abraded, Specimen to be removed after rotation to reach a certain number, observe the condition of the specimen or compare the weight with the previous materials, For the choice of grinding wheel models: H18, H22, CS17, S32, S33.

Corresponding standard :

DIN-53754,53799,53109,52347,TAPPI-T476,ASTM-D1044,D3884,ISO-5470; ISO9352-89

Applicable industry

It used in testing the performance of leather products, such as suitcases, carpets, cardboard, clothing, glass, plastic coating, ceramic tile, metal plating, paints, varnishes, decorative sheets, high-pressure sheets, plastics, textiles, flexible floor mats, traffic paint, anodizing layer, blankets, electronic components, decorative plates, wax, label, leather, dental materials, car ornaments, resin, furniture, and scientific research laboratories; commodity inspection, arbitration, and technical supervision department.

RGT-501

Testing reference:

paint	brick	plywood	plastic
CS10	CS17	S32	CS17
CS17		S33	H18H22

Machine Specifications:

Specimen : 120 × 6.5 × 3mm

Load : 250g, 500g, 1000g

Counter : 6 digit electronic display, automatic shut down

Testing Disk Speed :0-70 Adjustable

Machine Dimensions: 30 × 43 × 30cm

Machine Weight: 30kg

Attachment: a wrench, a group of grinding wheel, Fama (250g, 500g, 750g) each 2 pcs. Vacuum cleaner 1.

Power:: AC220V / 50HZ

Computational formula:

Abrasion index computational formula= $\frac{\text{Abrasion loss weight}}{\text{Test turnover number}} \times 100$